POWERCUT-1500

Replacement parts

0558 003 745 R 0210

SECTION 6 REPLACEMENT PARTS

A. REPLACEMENT PARTS

Replacement Parts are illustrated on the following figures. When ordering replacement parts, order by part number and part name, as illustrated on the figure. Always provide the series or serial number of the unit on which the parts will be used. The serial number is stamped on the unit nameplate.

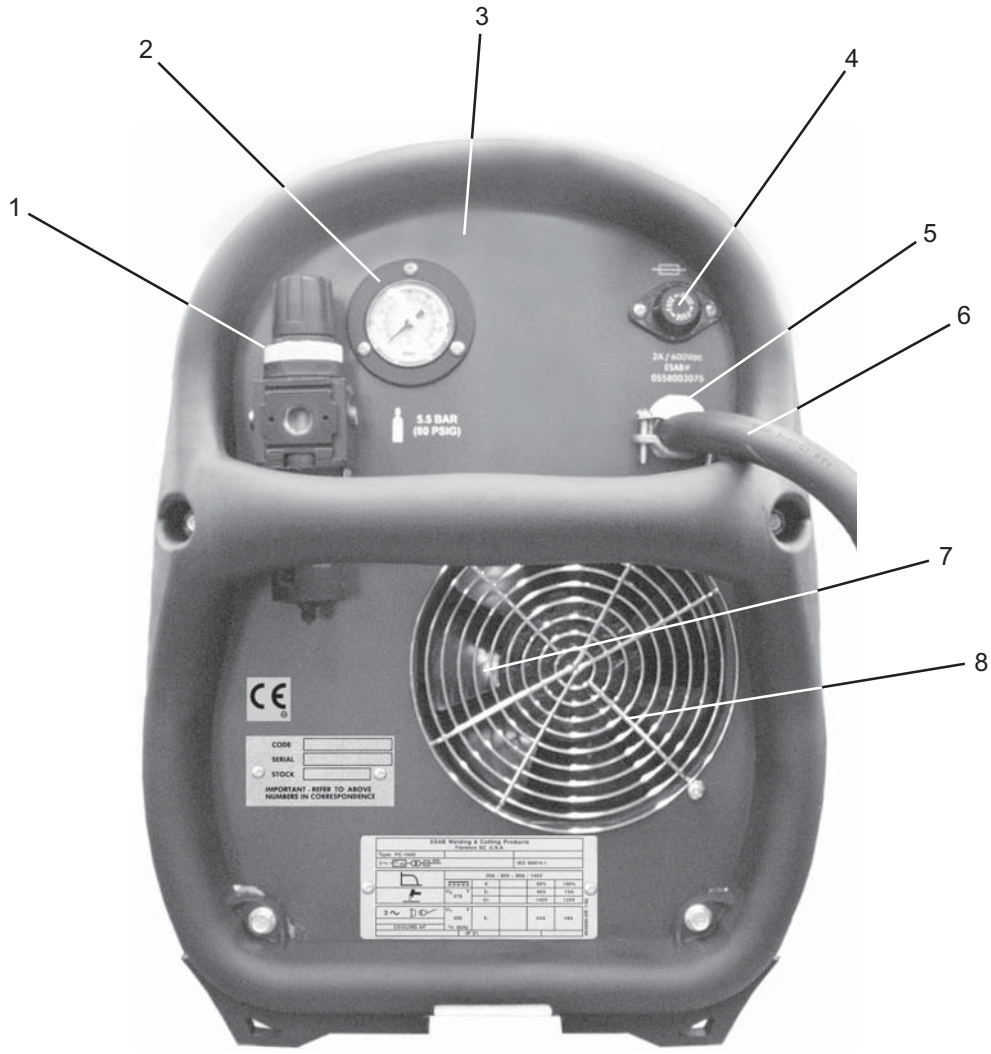
B. ORDERING

To assure proper operation, it is recommended that only genuine ESAB parts and products be used with this equipment. The use of non-ESAB parts may void your warranty.

Replacement parts may be ordered from your ESAB distributor

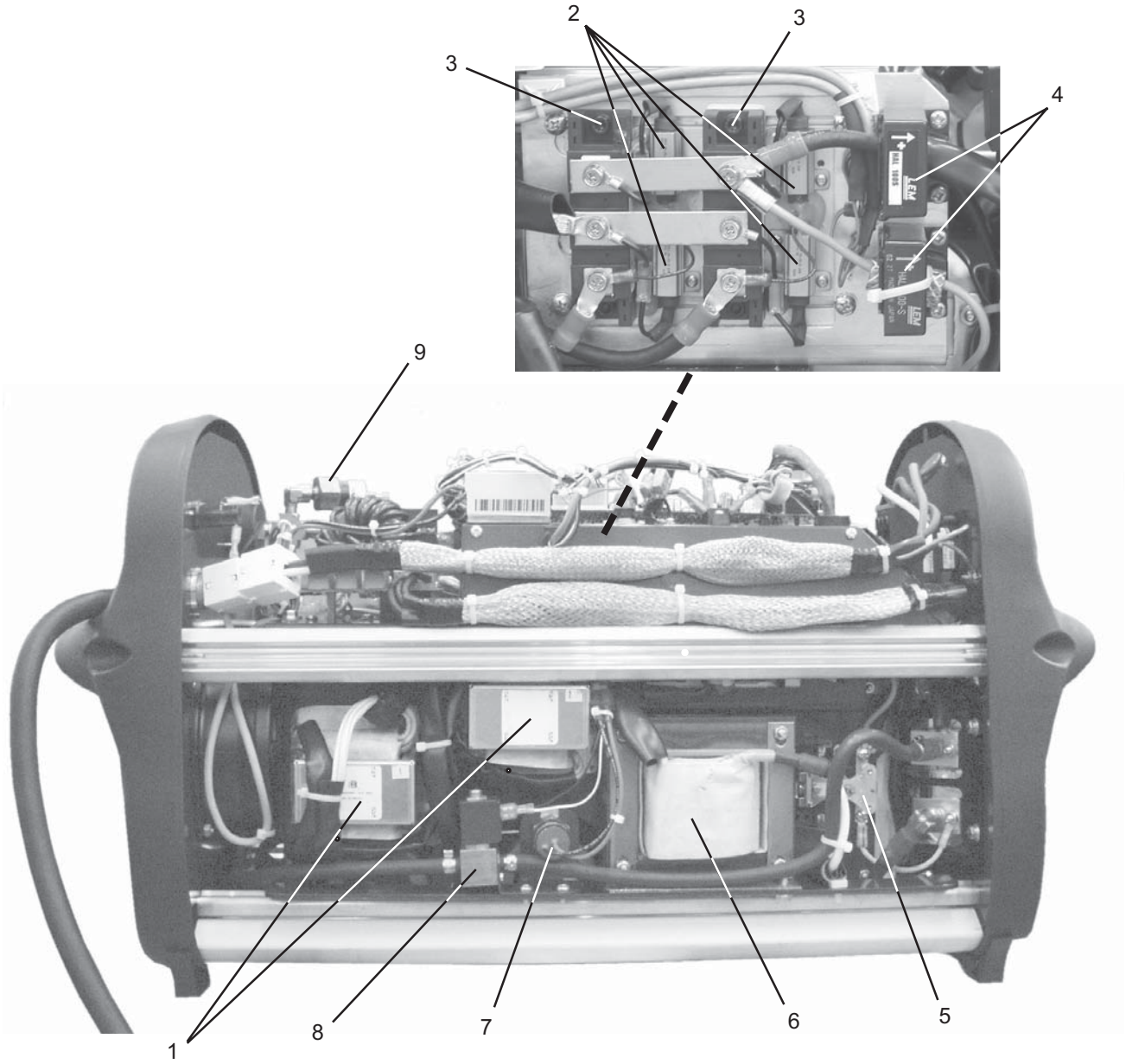
Front View - Powercut-1

Item No.	Qty.	Part No.	Description	Symbol
1	1	0558003359	Switch, Power	S1
2	2	0558000596	Switch Seal, Black	
3	1	0558001818	Knob	
4	1	0558003770	Panel Front Silkscreen	
5	1	0558003001	Work Cable Assembly	
6	1	0558003771	Work Cable Receptacle	
7	2	0558002780	Foot, Plasma Tube	
8	1	0558002581	Strain Relief Input NPT	
9	2	0558001916	End Cover, Handle	
10	1	0558002464M	Cover, Torch Connection	
11	1	0558003548	PT-32EH Torch Assembly x 25' (7.6 m)	
		0558003549	PT-32EH Torch Assembly x 50' (15.2 m)	



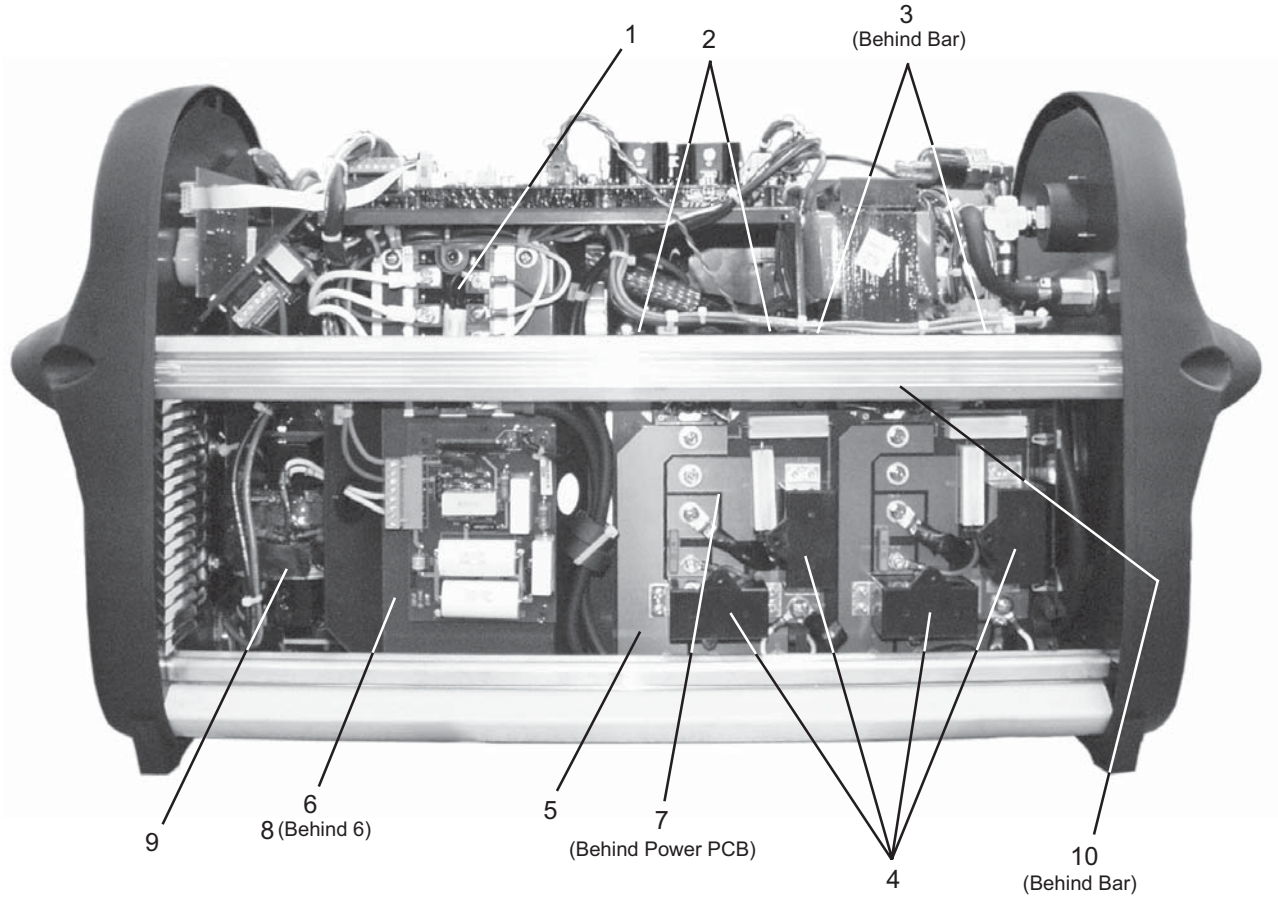
Rear View - Powercut-1

Item No.	Qty.	Part No.	Description	Symbol
1	1	0558000675	Regulator, Air Line	
2	1	0558000594	Gauge, 160 PSI	
3	1	0558003362M	Panel, Rear	
4	1	0558003075	Fuse, 2A, 600VAC	F1
5	1	0558003774	Connector Cable Grip	
6	1	0558003554	Cable, Input Power x 10 ft.	
7	1	0558000388	Fan	M1
8	1	0558002994	Finger Guard	



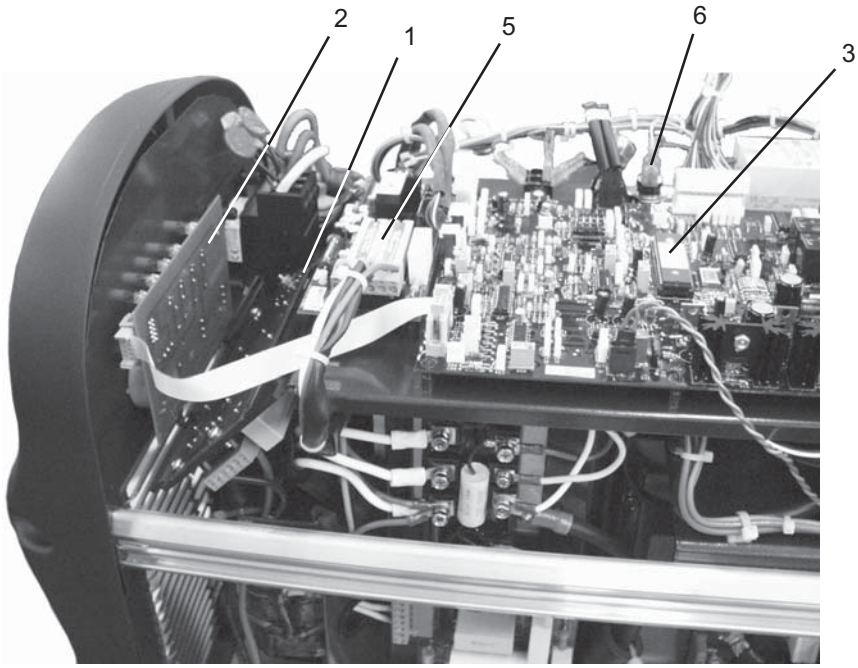
Internal View - Powercut-1
Lower Left Side

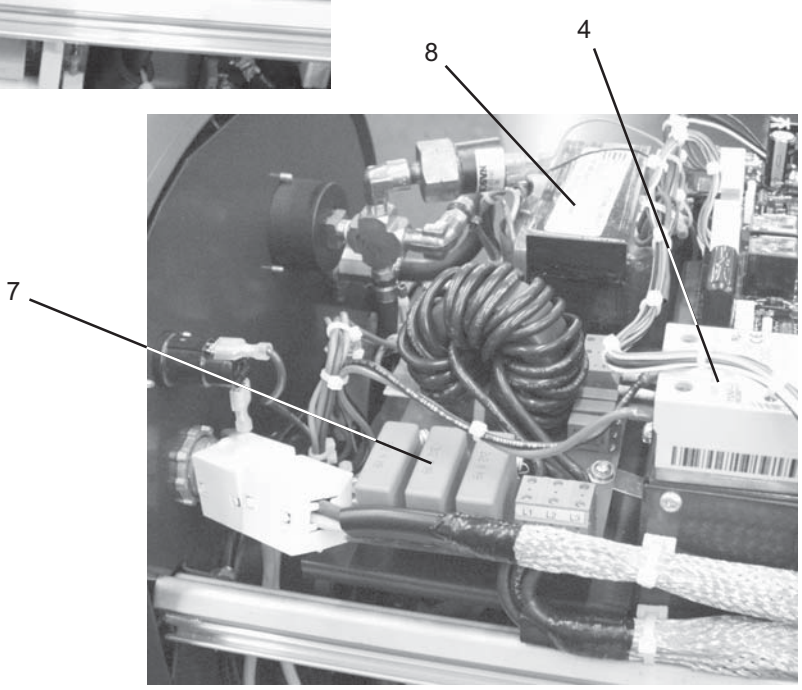
Item No.	Qty.	Part No.	Description	Symbol
1	1	0558003377	Transformer, Main Module	T2, T4
2	4	0558000404	RES WWFAHT 25W 1% 20 OHMS	R12-15
3	2	0558000401	Diode Module FDS 100A 600V	D7, D8
4	2	0558003367	Transducer Current 100A	T5, T7
5	1	0558002576	Relay, SPST 24V w/MAG	K2
6	1	0558002455	Inductor Output	L2
7	1	0558002189	Switch Pressure, .25 GPN	PS1
8	1	0558002482	Solenoid Assembly	SOL1
9	1	0558003105	Switch, Pressure, High	FS1



Internal View - Powercut-1
Right Side

Item No.	Qty.	Part No.	Description	Symbol
1	1	0558000643	3PH BR Rect. w/out Thyristor	BR1
2	2	0558003182	Module Dual IGBT 200A 600V	Q2, Q3
3	2	0558003779	RES WW AHNI 50W 3%K 10 OHM	R6, R7
4	4	0558000469	CAPC Metpoly *20.0***UF 400VDC	C11-C14
5	1	0558003781	PCB Power	PCB5
6	1	0558003782	PCB HI Freq	PCB2
7	2	0558002435	Capacitor, 3200 mfd - 450vdc	C5, C6
8	1	0558003783	Line Reactor	L1
9	1	0558002449	Transformer, High Frequency	T8
10	1	0558003784	PCB IGBT Driver	PCB7





Internal View - Powercut-1

Item No.	Qty.	Part No.	Description	Symbol
1	1	0558003785	PCB Start-up Network	PCB6
2	1	0558003786	PCB Display	PCB3
3	1	0558003787	PCB Control	PCB1
4	1	0558003788	Solid State Relay	Q4
5	1	0558003789	PCB In Rush Control	PCB4
6	1	0558003790	Switch Thermal 131°F	TS2
7	1	0455803880	PCB EMI Filter	PCB8
8	1	0558003389	Transformer, Control	T6

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